Subject: [PATCH 0/2] cryo: Re-enable checkpointing of thread area
Posted by Benjamin Thery on Wed, 11 Jun 2008 14:13:50 GMT
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I found the cause of one of the general protection faults I saw with
my test program and I finally managed to completely restart (a very
dumb) program for the first time!

My program was failing (GPF) at restart in glibc code. After some
debugging I found the failures occur on SINGLE_THREAD_P calls
(eg. glibc/sysdeps/posix/system.c:__libc_system()).

I suspected a problem with nptl and remembered the comments in cr.c
("for redhat 9.0, NPTL") and in cr.txt ("Support linuxthreads, but not
NPTL."). I uncommented this code that checkpoints the thread area
(don't ask me what it is) and, voila, my program restarted!

It doesn't solve everything: I still have issues restarting the 'sleep'
program.

Benjamin

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Containers@lists.linux-foundation.org
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